

REPORT OF THE TRUSTEES  
OF THE  
MONSON STATE HOSPITAL

(POST-OFFICE AND RAILROAD STATION, PALMER),

FOR THE  
YEAR ENDING NOVEMBER 30, 1911.



BOSTON:  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 POST OFFICE SQUARE.  
1912.



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OF THE

## MONSON STATE HOSPITAL,

*7 Epileptics, Palmer.*

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ATTORNEY GENERAL

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# OFFICERS

## OF THE

# MONSON STATE HOSPITAL.

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### TRUSTEES.

WILLIAM N. BULLARD, M.D., <i>Chairman</i> ,	. . .	BOSTON.
MABEL W. STEDMAN,	. . . . .	BROOKLINE.
HENRY P. JAKES, M.D.,	. . . . .	LENOX.
MARY B. TOWNSLEY, <i>Secretary</i> ,	. . . . .	SPRINGFIELD.
JOHN BAPST BLAKE, M.D.,	. . . . .	BOSTON.
EDWARD P. BAGG,	. . . . .	HOLYOKE.
MICHAEL I. SHEA, M.D.,	. . . . .	CHICOPEE FALLS.

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### RESIDENT OFFICERS.

EVERETT FLOOD, M.D.,	. . .	<i>Superintendent.</i>
MORGAN B. HODSKINS, M.D.,	. . .	<i>Assistant Physician.</i>
ALDEN V. COOPER, M.D.,	. . .	<i>Assistant Physician.</i>
FREDERICK W. GUILD, M.D.,	. . .	<i>Assistant Physician.</i>
EDMUND S. DOUGLASS, M.D.,	. . .	<i>Assistant Physician.</i>
AMY C. CLIFTON,	. . . . .	<i>Assistant Superintendent and</i> <i>Matron to Children's Colony.</i>
CHARLES F. SIMONDS,	. . . . .	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	. . . . .	<i>Engineer.</i>

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SARAH E. SPALDING,	. . . . .	<i>Clerk and Treasurer.</i>
MARION COLLINS,	. . . . .	<i>Field Worker.</i>

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### NONRESIDENT OFFICERS.

DR. E. G. BRACKETT,	. . . . .	<i>Consulting Orthopedic Surgeon.</i>
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# The Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The past year has been one of quiet growth and increase in the hospital, without any striking accidents or occurrences in the administration.

The superintendent has had his usual summer vacation.

In October, 1911, Dr. Michael I. Shea of Chicopee was appointed trustee in the place of Dr. Scofield of Dalton, whose term had expired. Dr. Shea has therefore had no share in the work of the preceding year and no responsibility for any occurrences therein. The trustees desire to place on record their appreciation of the services of Dr. Walter W. Scofield on the Board. Peculiarly fitted by his hospital experience to determine questions of State hospital administration, his advice was always sought and his opinion was sound and of much weight. The trustees sincerely regret his absence from the Board.

There has been no change among the assistant physicians except in the case of Mr. L. B. Alford, research officer and assistant physician, who completed his term of service on Aug. 29, 1911. He left the hospital at his own request in order to complete his medical studies, and to the regret of the trustees, who had found his work very interesting and valuable.

Miss Danielson completed her term of service on July 3, and since then no field worker has been employed until within the last few weeks. Miss Marion Collins arrived from New York, where she had been trained, to perform this very important work on heredity, and the trustees now have under consideration the question of retaining her, the only serious difficulty being that of cost.

Mr. Walter E. Hatch, who has been clerk and treasurer since Aug. 27, 1907, resigned, and Miss Sarah E. Spalding, chief clerk, has been chosen to fill these positions.

The appropriations for the year 1910 were as follows: —

For an extension of the laundry and suitable machinery, . . .	\$15,000
To enlarge the refrigerating facilities and to fireproof certain floors, . . . . .	3,000
	<hr/>
	\$18,000

Both these appropriations were much needed, and the work hereby permitted has been begun and is being rapidly carried on.

The extension of the sewerage system, for which \$6,000 was appropriated in 1909, will soon be completed. It has involved the laying of sewer tile from the Farm group for a considerable distance along the side of the hill and the formation of the filter beds. The first portion of the work has been finished; two of the filter beds will be ready for use shortly, and work on the third will be carried on through the winter.

The trustees have voted to ask for the following special appropriations this year: —

Employees' cottage, . . . . .	\$6,000
Cottage at Farm group, . . . . .	3,500
Ice house, . . . . .	1,000
Cow barn, . . . . .	5,000
	<hr/>
	\$15,500

There are various other objects for which appropriations must eventually be asked, but the trustees do not desire to ask now for anything but what is immediately needed. The needs of the future must wait.

The important problem in relation to the power house is fully given in detail in the superintendent's report herewith submitted. It seems probable that it will be necessary in the near future to enlarge our power plant and to change its location. The questions involved in this matter are now the subject of careful study and investigation by the Board.

## THE CHILDREN'S COLONY.

Early in October, 1910, the children's colony was opened with 6 boys. Before the 1st of November 7 more were admitted, and by the 1st of December the total admissions of boys had been 40.

The girls' building was opened in the last of November, 1910, with 13 girls. On the 1st of January, 1911, there were 75 children in the colony, — 40 boys and 35 girls.

At the present time there are in this group 53 boys and 66 girls, — 119 in all.

This group has been placed under the special care of Miss Clifton, assistant superintendent, who reports directly to the superintendent, Dr. Flood.

The school in this group was started in November, 1910. The morning is devoted to the more feeble-minded, who are able to do only kindergarten work. They learn to sing, march, string beads, cut and paste pictures and other things adapted to their powers.

In the afternoon those children are taught who can learn at least something.

The problem of the education of children of the class with whom we have to deal is a very serious and somewhat complicated one.

We have two great practical divisions for these children as regards primary school education: first, those who can learn practically nothing because of mental impairment, the lower and some of the middle-grade feeble-minded — these are called in other institutions the custodial cases; second, those who can learn something — school cases.

As regards the custodial cases, our problem is simple. For the lower grade cases little can be done, nor is it worth while to attempt much of anything beyond certain kindergarten work in the way of teaching. The higher grade custodial cases may possibly, some of them, be able eventually to do some manual work. Farm work is, however, probably the best occupation for most of them as they grow older.

In regard to the school cases, these may again be roughly divided into two categories: (1) those who are distinctly feeble-minded, middle or high grade, in addition to their epilepsy; (2) those whose

minds are clear or only partially clouded through epilepsy and who are not otherwise feeble-minded.

It is not the purpose of the trustees to receive in this hospital except under special circumstances, children who are, and are likely to be, capable of attending the public school and profiting by such attendance.

The children of the first category of school cases should be educated as far as possible similarly to those with an equal state of mental deficiency in the State institutions for the feeble-minded, due allowance, however, being made for the fact that they are also epileptic.

It is with the children of the second category that the most serious educational questions are presented. These children can learn and sometimes appear to learn quite readily, but after a time, especially if their attacks have been at all numerous, they forget all they have learnt for some period previously, and at the end of the year are no farther, perhaps less, advanced than at the beginning. The value of the ordinary school education is for such children very problematical. The time ordinarily given to this should in the case of these children be devoted to manual training. This has proved a greater success with this class than the ordinary intellectual work.

This will probably in the future be thoroughly tested until we can definitely determine for what kinds of manual labor our epileptics are best fitted.

#### RESEARCH WORK.

The special research work, begun by Dr. Annie E. Taft, has been carried to completion during the past year by Mr. L. B. Alford, who has in addition turned his attention to certain collateral questions with most valuable and interesting results. The investigations which have been carried on by Dr. Taft and Mr. Alford have been of much importance, and have apparently settled some debatable questions.

Miss Danielson, the field worker, has accomplished much important investigation into heredity and kindred subjects. Many valuable records have been obtained and filed. It seems advisable that this work should be continued, and the Board is now considering the possibility of doing this.

It seems important that the aims and the accomplishments of the hospital should be known as widely as possible to the public as a whole, as well as to the medical profession of the State and of the country. For the purpose of accomplishing this, the hospital has issued a short statement of its aims and its needs for general distribution. It also is glad to receive visitors, both lay and medical, and the trustees have readily consented to have medical and scientific societies meet occasionally at the hospital.

In May a meeting of the department of eugenics of the American Breeders' Association was held at the hospital, and in July the Hampden District Medical Society met there. Classes from Amherst College and from Clark University have visited the hospital with their instructors to see and study the conditions.

WILLIAM N. BULLARD, *Chairman.*

*For the Trustees.*



## SUPERINTENDENT'S REPORT.

---

*To the Trustees of the Monson State Hospital.*

I hereby submit my annual report for the year ending Nov. 30, 1911.

The appropriations for the year 1909 have been fully used with the exception of that for the extension of the sewerage system. This work has involved laying sewer tile to the Farm group and digging the trench for a long distance along the side hills, to get the proper pitch. This part of the work is now completed. The beds for filtration as planned are considerably larger than our immediate needs require and will no doubt supply the demands for a great many years to come. The embankments have been completed, the underdrains are all in and two of these beds will be ready for use within a few weeks. The work on another one will be carried on during the winter when the weather is favorable, and will no doubt be completed within a reasonable time.

The appropriations asked for the present year were: (1) for the extension of the laundry, and for fitting up with further machinery, \$15,000; (2) to enlarge the refrigerating facilities and to fireproof certain floors, \$3,000. These were approved and the work has been promptly undertaken. The third appropriation for which we asked was \$25,000 to extend our present dining-room building. This was not passed, and it has not seemed advisable to renew the application this year, though the need is a pressing one.

In studying the appropriations for the coming year, several very important matters have been considered. One of the most desirable would be to locate the boiler plant in such a position that coal may be delivered direct from the railroad. This would involve an extension of our mains for several hundred feet, but the cost of doing this would not be very large. We should obtain for our use the present industrial room and carpenter shop, where suitable rooms for married couples could be made. The present boiler house would make an admirable place for the carpenter shop, and

with the floor extended from the machine shop we should have under the same roof a very much needed enlargement for our industries. The engine room would make a suitable place for the paint shop, which is now not properly provided for. This arrangement would also give us suitable return in the heating plant from the Clough building, and would make it feasible to build another building for patients, north of the Clough building, and houses for employees on the gravel bank still farther north. These could all be heated from the boiler plant.

Another argument in favor of this change is that our present stack is too small for our purpose and another one will soon be needed. Some boilers need renewing, and a portion of the main steam piping needs overhauling, so that considerable expense on the plant will be necessary; and it seems highly advisable that this outlay should be made in a location better adapted to our coming needs. This matter is left over this year for further study.

The appropriations which I have recommended to your Board are as follows: —

1. An employees' cottage for a married couple and 7 male employees as lodgers, similar to our Farm group No. 4, at a cost of \$6,000.

2. An employees' cottage for a married couple and 2 lodgers, to be used in connection with the Farm cottage plant, at a cost of \$3,500.

3. An ice house at a cost of \$1,000. We are practically committed to the use of natural ice, and with this added storage capacity it seems probable that we can store ice enough to provide for all our refrigerating purposes. It is thought desirable to locate this building in the vicinity of the present coal sheds, so that we may be able to fill from the river; or, in case that plan is not possible, to cut the ice at a more distant point and bring it in on cars. This location would render the delivering of ice in the summer time as convenient as we could hope to have it.

4. A cow barn located at the proper site near our Farm group buildings. The cost of this cow barn has been estimated at \$5,000. The present cow barn has been repaired many times and is now an expensive building to maintain. It seems very desirable to have the cows cared for near the other cow barns, and many useful purposes will be served by this additional building.

The various industries have been faithfully carried on and the workers in these departments deserve commendation. The work which is a daily necessity, such as the laundry, kitchen, dining room, ward work, etc., has occupied the usual numbers. In addition to this, an extra amount of work has been done in the following departments: stone crusher work, fruit evaporating, rug making, boot and shoe making, cobbling, farm work of all kinds, grading, road and path making.

The surfacing of an additional piece of farm road has been carried out as in the two preceding years, under the efficient management of the Monson authorities, the crushed stone coming from our patients' efforts at the stone crusher. Many lengths of steam main and water pipes have been laid and tunnel work of considerable extent accomplished near each building. A careful map of our whole territory has been made with accurate location of all pipes for water, sewer, steam, etc. At Farm cottage, Farm group and the children's colony much needed grading, with catch basins and surface drainage, has been partly completed, and many trees have been set out, etc. With these various lines of work the appearance of the grounds has improved and the value of the plant materially increased.

With the idea of supplementing our present supply of unmetered water, we have made four test wells in the valley. The result shows that in several localities plenty of water can be obtained which may be readily piped into our old system. The quality of the water is as good as the surface water we now use from the two reservoirs, and is well suited for use in the barns, the boiler house, laundry and for flushing the toilets. The time is likely to come when this source of supply will be needed for these purposes and the wells can be driven and connections made with very little delay at any time in the future.

The general field of work completed for the social worker is briefly outlined as follows: —

1. Purpose, to secure basis for social work: (a) for wise legislation in regard to defectives; (b) for education of public to prevent unfit matings; (c) to prevent the economic waste involved in caring for defectives and their offspring; (d) to prevent the increase of epileptic, feeble-minded and insane; (e) to finally eradicate epileptic, feeble-minded and insane, or control it as has been done with small-pox and tuberculosis.



2. This basis secured by study of heredity in man: (a) we have knowledge of probabilities in breeding cattle and corn; (b) breeding of human race has been neglected; (c) in forming scientific theories the method is to secure data of individual cases, then discover the laws which they follow; (d) field worker investigates problems connected with special patients and their families. Results are charted and descriptions of individuals written.

3. The social work is incidental, but important: (a) establishes pleasant relations between family and institution; (b) keeps institution in touch with discharged patients; (c) useful information as to advisability of patient returning home; (d) may relieve cases of distress by reporting them to proper authorities.

4. Eugenics worker *v.* social worker: (a) social worker working for general good by relieving individual cases; (b) eugenics worker is seeking to cut off supply of individuals not capable of caring for themselves.

5. To bring the hospital and its management into closer touch with friends and relatives of the patient to the advantage of both. Also to remedy, if possible, defects in the home surroundings of the patient.

6. By field workers who could at the same time bring back valuable data for records.

7. Accurate histories and a knowledge of the home surroundings of the patient. When the field worker is in the neighborhood could call on relatives of the patient, thus keeping in touch with conditions, and in time supplying us with exact data in relation to heredity.

8. An idea that the hospital is really taking an interest in the patients.

9. (a) Case histories; (b) general progress of patient towards recovery and many other matters; (c) general supervision.

10. In the case of the boarded out, the social worker is well equipped to keep supervision of the case, and in other cases may well help to keep the family informed as to the progress of the case in the hospital.

11. The tendency to sterility has only become manifest after an endless amount of mischief has been done. The acquirement of venereal diseases and their dissemination among persons of naturally better condition have been marked features.

Our experience with the field worker has been for little more than one year. The cost has averaged about \$50 per month for the traveling and maintenance expenses. If we employed her independently of the eugenics record office this would be increased to \$125 per month. Even at this price the results seem to warrant such an outlay.

At the children's colony, the first death occurred in January, a boy who had been in feeble condition for some time. Five other deaths have occurred since then; 2 of them were boys and 3 were girls.

In the schools some do not advance much in their work, but an effort is made to have them remember what they already know. Quite a little attention is paid to letter writing in order that the boy or girl may be able to write an intelligent letter home.

Each patient who is able has some regular work to do, and is encouraged to keep at it until the work is completed or the recreation time arrives. The girls are learning to sew and mend, and do a great deal of the mending.

So many younger children have been admitted to this hospital that it became necessary in October of this year to use one of the wards in the girls' building for a nursery. The older girls enjoy helping in the care of nursery children, and it serves to keep them employed as well.

There has been very little sickness except that caused by convulsions.

The condition of our barns and stock is sufficiently evident by the following extracts from a letter of the Chief of the Cattle Bureau and from his district agent, under dates of Nov. 14, 1910, and Sept. 30, 1911.

It affords me great pleasure to report that I found little, if anything, to criticize. The health condition of the herd is excellent. The methods employed in the care of the cattle are simple and practical, and evidence their value in the results obtained. Your barn buildings are not all of the modern, up-to-date, sanitary and hygienic type, but you are proving that it is possible to keep a herd in first-class condition without the aid of ultra-scientific surroundings. The average farmer, who cannot afford to build in accordance with the latest fads in sanitary construction, may find in the results you achieve with somewhat old-fashioned surroundings encouragement to make the best of what he has.

I must not omit a word of congratulation on the appearance of the swine I found at the Monson institution. They are in splendid shape, and I was pleased to note that they are being handled on a business basis, and must be returning you a substantial profit.

I was glad to have the opportunity to inspect your stock. The Bureau, of which I have very recently been made the head, should keep in touch with conditions through personal inspection. The State, which has established this Bureau, holds it responsible, and the condition of the herds of all State institutions, especially those having the care of the physically unfortunate, should be above suspicion. I have asked your superintendent to keep in frequent touch with this office, giving from time to time information as to the condition of the herd, a request I am sure you will approve. . . .

The present stable, while fairly sanitary in its arrangement, might be improved upon in several particulars. The present location, directly opposite the administrative office of the institution, is objectionable from the sanitary as well as the æsthetic point of view. Naturally, flies that develop in the excrement about the buildings in which animals are stabled find ready access into near-by buildings occupied by the officers or inmates of the institution. A more modern stable upon a site better adapted for such a building would considerably lessen the expense connected with the care of the animals, storage of forage and handling of manure. In addition, much of the fertilizing material of the manure that is now lost might be saved by having well-constructed manure pits or conveniences for its storage. In a more modern type of stable, with milk room adjoining, the production of a milk of higher grade would be facilitated.

The herd of cattle was found to be in a very satisfactory condition. There were no evidences of the existence of serious disease, and a careful physical examination of the individual animals did not indicate the presence of a single tuberculous cow. Two cows in the herd, both well along in years, one of which has a slight lameness, the other somewhat emaciated, should, I believe, be removed from the herd because of their being unprofitable, rather than for anything connected with their slight ailments. The large proportion of the animals are of high grade and all show the effects of good feeding, care and stabling.

A physical examination of the 142 head of hogs in the herd showed them to be free from disease and in fine condition. The individual animals, without exception, were of good size, thrifty and vigorous.

#### CLERGYMEN WHO HAVE HELD SERVICE.

Rev. George A. Andrews.  
Rev. Francis S. Brewer.  
Rev. Abram Conklin.  
Rev. William Hart.  
Rev. C. N. Heermans.

Rev. Charles Hill.  
Dr. J. S. Lemon.  
Rev. T. D. Martin.  
Rev. H. W. Smith.  
Rev. Charles W. Williams.

#### AMUSEMENTS.

Baseball games, 34; dances, 50; dancing school, 20; entertainments, 4; excursions to fair, 3; excursions to lake, 36; masquerade, 1; moving pictures, 8.

## GIFTS.

NAME.	Place.	Article.
Mrs. L. Brainerd, . . . .	Palmer, . . . .	Scrapbooks.
Mrs. J. F. Holbrook, . . . .	Palmer, . . . .	Magazines.
Mrs. M. B. Townsley, . . . .	Springfield, . . . .	Magazines.
Mrs. George Ezekiel, . . . .	Palmer, . . . .	Magazines.
Miss Grace Pitts, . . . .	Athol, . . . .	Valentines.
Mrs. D. E. Marcy, . . . .	Palmer, . . . .	Magazines.
Rev. William Hart, . . . .	Palmer, . . . .	Magazines.
Palmer Social and Business Club,	Palmer, . . . .	Magazines.
Mrs. C. A. Matthews, . . . .	Conway, . . . .	Magazines.
Rev. Abram Conklin, . . . .	Monson, . . . .	Children's cards and magazines.
Mrs. H. C. Plummer, . . . .	East Boston, . . . .	Clothing.
Christopher Eldredge, . . . .	Monson State Hospital, . . . .	Books (7).
Mr. D. F. Marcy, . . . .	Palmer, . . . .	Magazines.
Dr. William N. Bullard, . . . .	Boston, . . . .	Dolls (8).
Miss M. Leary, . . . .	Thorndike, . . . .	Clothing.
Mr. S. Cushman, . . . .	Monson, . . . .	Magazines and periodicals.
Dr. Henry Flynn, . . . .	Roxbury, . . . .	Clothing.
Mrs. L. F. Chandler, . . . .	Palmer, . . . .	Magazines.
Mrs. Harriet Bradley, . . . .	Monson, . . . .	Fiction, 18 books.

Table showing Patients employed and in what Way.

	Men.	Womeh.
Administration building, . . . . .	—	5
Bakery, . . . . .	7	—
Barn, . . . . .	16	—
Carpenter, . . . . .	1	—
Dining room, . . . . .	25	41
Dispensary, . . . . .	1	—
Employees' cottage, . . . . .	1	5
Engineer's department, . . . . .	2	—
Farm, . . . . .	13	—
Greenhouse, . . . . .	8	—
Industrial building, . . . . .	23	—
Kitchen, . . . . .	14	32
Laundry, . . . . .	15	98
Mason, . . . . .	2	—
Nursery, . . . . .	—	5
Nurses' home, . . . . .	—	7
On roads, . . . . .	31	—
Painter, . . . . .	1	—
Service building, . . . . .	—	1
Sewing rooms, . . . . .	—	46
Stone crusher, . . . . .	10	—
Store, . . . . .	4	—
Ward work, . . . . .	115	120
With yard man, . . . . .	37	—
Totals, . . . . .	326	360



*List of Graduates.*

NAME.	Class.	Occupation.	Address.
Fannie C. Cronin, .	1901	Monson State Hospital, supervisor,	Palmer.
Mary E. Kilduff, .	1901	Private nursing, . . . .	Springfield.
Emma S. McKeever, .	1901	Matron at State Farm, . . . .	State Farm.
Julia O'Brien, . .	1901	Private nursing, . . . .	Roxbury.
Edith E. Townsend, .	1901	Married, . . . .	Bragville, Me.
Carroll W. Briggs, .	1902	Boston City Hospital, . . . .	Boston.
A. M. D. Manwarring,	1902	- - -	Averill Park, N. Y.
Edwin S. Manwarring,	1902	- - -	Averill Park, N. Y.
James L. McKeever, .	1902	State Farm, . . . .	State Farm.
Walter L. McKeever, .	1902	- - -	Middletown, Conn.
Hattie Edith Rowe, .	1902	- - -	Georgetown, Me.
Alice B. Smith, . .	1902	Bookkeeping, . . . .	Medford.
Marguerite Casey, .	1903	Private nursing, . . . .	Burlington, Vt.
Catherine Daley, .	1903	Connecticut Hospital for Insane, .	Middleton, Conn.
Georgia A. Nute, .	1903	Stamford Hall, . . . .	Stamford, Conn.
George H. Flynt, .	1903	Motorman, . . . .	Palmer.
Mae D. Brown, . .	1905	Private nursing, . . . .	Portland, Me.
Annie A. Caldwell, .	1905	Private nursing, . . . .	Springfield.
Louis A. Fontaine, .	1905	- - -	Palmer.
Frank L. Morway, .	1905	Apothecary, Monson State Hos- pital.	Palmer.
Christine McClellan, .	1906	Married, . . . .	Prince Edward Island.
Lutie F. Campbell, .	1907	Private nursing, . . . .	Boston.
Theresa Brown, . .	1907	Private nursing, . . . .	Portland, Me.
Mary G. Hancock, .	1907	Private nursing, . . . .	Holyoke.
Mrs. Anna Woodward,	1907	Private nursing, . . . .	Syracuse, N. Y.
Elizabeth McCarthy, .	1907	Monson State Hospital, assistant supervisor.	Palmer.
Samuel E. Chase, .	1907	Brattleboro Retreat, nurse, . .	Brattleboro, Vt.
William L. Paine, .	1907	Monson State Hospital, nurse, .	Palmer.
Edith M. Brooks, .	1908	Private nursing, . . . .	Watertown, N. Y.
Eva G. Caldwell, .	1908	Private nursing, . . . .	Woodstock, N. B.
Mary J. Caldwell, .	1908	Private nursing, . . . .	Springfield.
Susan E. Crumb, .	1908	Private nursing, . . . .	Watertown, N. Y.
Daisy I. Dowling, .	1908	Private nursing, . . . .	North Middleborough.
Olla G. Dowling, .	1908	Private nursing, . . . .	Brockton.
Dora L. Jaques, . .	1908	Private nursing, . . . .	Presque Isle, Me.
Agnes M. Millen, .	1908	Private nursing, . . . .	Syracuse, N. Y.
Anna L. Millen, . .	1908	Private nursing, . . . .	Salem.
Katherine C. Murray,	1908	Married, . . . .	Dorchester.

*List of Graduates — Concluded.*

NAME.	Class.	Occupation.	Address.
Mae I. Perkins, . .	1908	Married, . . . . .	Springfield.
Nellie F. Brown, .	1909	Married, . . . . .	Moosup, Conn.
Mary S. Campbell, .	1909	Private nursing, . . . . .	Springfield.
Katherine Donovan, .	1909	Private nursing, . . . . .	New York City.
Ermina E. Drennan, .	1909	Sanatorium, nurse, . . . . .	Brookline.
Ruth C. Clark, . .	1910	Private nursing, . . . . .	Worcester.
S. Helen Dickinson, .	1910	Private nursing, . . . . .	Calgary, Alta.
Alma T. Gray, . . .	1910	Private nursing, . . . . .	Newton.
Cora T. Graham, . .	1910	Private nursing, . . . . .	New York City.
Ida H. Graham, . . .	1910	Private nursing, . . . . .	New York City.
Mrs. Bertha S. Hall, .	1910	Pierce Farm, . . . . .	Mattapan.
Maybel M. Jamieson, .	1910	Private nursing, . . . . .	New York City.
Katherine F. Knight, .	1910	Private nursing, . . . . .	Springfield.
Annie L. McKay, . .	1910	At home, . . . . .	Shubenacadie, N. S.
Margarette S. Macrae,	1910	Married, . . . . .	Pine Plains, N. Y.
Ivy M. Corey, . . .	1911	Private nursing, . . . . .	St. John, N. B.
Alice E. Cox, . . .	1911	Teaching school, . . . . .	Gardner.
Alice D. Small, . . .	1911	Private nursing, . . . . .	Calgary, Alta.
Gertrude Tapley, . .	1911	Monson State Hospital, nurse, .	Palmer.
Ruth E. Turner, . .	1911	Rhode Island General Hospital, .	Providence, R. I.

The nurses have worked away from the hospital eight and one-eighth days.

Respectfully submitted,

EVERETT FLOOD,

*Superintendent.*

## GENERAL INFORMATION.

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### METHODS OF ADMISSION.

1. The regular insane commitment, such as is used at the insane hospital.

2. Two forms of commitment: (*a*) voluntary admission, requiring the certificate of one doctor. The doctor's certificate must be certified by a justice; (*b*) commitment for those who are considered dangerous epileptics, but not otherwise insane.

Each patient is required to work as much as he is able. Patients are not allowed to go to town alone, nor to walk out alone. They are expected to live on plain diet, and to go to bed early. These restrictions are not irksome when they are fully understood.

### PATIENTS' CLOTHING.

The outfit requisite for a patient coming here is very much the same as would be needed at home.

### LOCATION.

The hospital is located in the town of Monson, but less than 1 mile from the village of Palmer, so that Palmer is the address for all purposes. Palmer is on the Boston & Albany railroad, between Worcester and Springfield, and is at the junction of the Boston & Albany and the New London Northern division of the Central Vermont. The Ware River branch of the Boston & Albany railroad has one terminus in Palmer, the other in Winchendon. Palmer is 84 miles from Boston, and the railroad fare is \$1.89.





Corset covers, . . . .	166	Pillow slips, . . . .	96
Corsets, . . . . .	27	Rompers, . . . . .	213
Drawers (pairs), . . . .	1,503	Rugs, . . . . .	12
Dresses, . . . . .	955	Sheets, . . . . .	24
Flag, . . . . .	1	Shirts, . . . . .	1,911
Jumpers, . . . . .	340	Shirtwaists, . . . . .	84
Laundry bags, . . . . .	261	Skirts, . . . . .	152
Mattress covers, . . . .	19	Stockings (pairs), . . . .	4,500
Mittens, . . . . .	9	Sweaters, . . . . .	4
Nightdresses, . . . . .	621	Table cloths, . . . . .	92
Nightshirts, . . . . .	17	Towels, . . . . .	66
Overalls, . . . . .	641	Trousers (pairs), . . . . .	865
Petticoats, . . . . .	308	Vests, . . . . .	42

## WORK DONE IN THE INDUSTRIAL ROOM.

ARTICLES CARVED.			
Cemetery head marks, . . . .	10	Names, . . . . .	98
Sign boards, . . . . .	7	Postal cards, . . . . .	150
		Programs, . . . . .	2,000
		Tickets, . . . . .	1,300
CUT.			
Coats, . . . . .	40	REPAIRED.	
Coat patterns, . . . . .	10	Blankets (horse), . . . . .	2
Coats, summer, . . . . .	104	Baseball bases, . . . . .	4
Mittens (pairs), . . . . .	382	Bridles, . . . . .	2
Overalls, men's (pairs), . . . .	68	Camp stools, . . . . .	5
Trousers (pairs), . . . . .	18	Carpets, . . . . .	3
Trouser patterns, . . . . .	10	Chairs, . . . . .	4
Suits, . . . . .	10	Chair cushions, . . . . .	6
Vests, . . . . .	5	Crutches (pairs), . . . . .	2
MADE.		Footstools, . . . . .	2
Cane, . . . . .	1	Fire escapes, . . . . .	4
Coat hangers, . . . . .	246	Harness straps, . . . . .	3
Checker boards, . . . . .	2	Mattresses, . . . . .	501
Checkers, sets of, . . . . .	2	Opera-glass case, . . . . .	1
Chair cushions, . . . . .	2	Piano stools, . . . . .	2
Envelopes, large: —		Rugs, . . . . .	11
For office, . . . . .	1,050	Shoes, . . . . .	2,042
For pills, . . . . .	7,000	Suit case, . . . . .	1
Moccasins, men's (pairs), . . . .	15	Truss, . . . . .	1
Pillows made over, . . . . .	25	Umbrellas, . . . . .	145
Rugs, rope, . . . . .	40	RESEATED.	
Shoes, women's (pairs), . . . . .	2	Chairs, . . . . .	56
Slippers, men's (pairs), . . . . .	588	SEWED.	
MARKED.		Mangle aprons, . . . . .	16
Shoes (pairs), . . . . .	13	UPHOLSTERED.	
PRINTED.		Barber chairs, . . . . .	3
Blanks, . . . . .	8,600	MISCELLANEOUS.	
Copies of essays and lectures, . .	1,575	One barrel of beans picked over.	
Envelopes, . . . . .	3,525		

## FARM PRODUCTS.

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Apples, eating, 370 $\frac{1}{4}$ barrels, at \$2.50,	\$925 63
Apples, cider, 294 bushels, at \$0.10,	29 40
Apples, crab, 12 bushels, at \$0.75,	9 00
Beans, dry, 7 $\frac{1}{8}$ bushels, at \$2.30,	16 48
Beans, shell, 35 bushels, at \$1.35,	47 25
Beans, string, 184 $\frac{3}{4}$ bushels, at \$0.90,	166 28
Beef, 3,274 pounds, at \$0.10,	327 40
Beets, 191 $\frac{1}{4}$ bushels, at \$0.60,	114 75
Cabbage, 11 $\frac{1}{2}$ $\frac{3}{8}$ tons, at \$25,	288 90
Calves sold, 60,	198 15
Carrots, 426 bushels, at \$0.75,	319 50
Cider, 720 gallons, at \$0.10,	72 00
Corn, field, 355 bushels, at \$0.75,	266 25
Corn, sweet, 452 $\frac{7}{8}$ bushels, at \$1,	452 70
Corn, green, 10 tons, at \$5,	50 00
Cows sold, 2,	42 50
Currants, 175 quarts, at \$0.11,	19 25
Cucumbers, 29 $\frac{1}{4}$ boxes, at \$0.75,	21 94
Ensilage, 450 tons, at \$4,	1,800 00
Fodder, corn, 25 tons, at \$5,	125 00
Fodder, millet, 12 tons, at \$5,	60 00
Fodder, oat, 40 tons, at \$5,	200 00
Grapes, 96 pounds, at \$0.04,	3 84
Hay, 275 tons, at \$21,	5,775 00
Hides, 363 $\frac{1}{8}$ pounds, at \$0.10,	36 31
Lettuce, 256 $\frac{1}{2}$ pounds, at \$0.50,	128 25
Logs, 4,	45 00
Milk, 285,219 quarts, at \$0.06,	17,113 14
Onions, 58 $\frac{1}{4}$ bushels, at \$1.10,	64 08
Parsnips, 264 bushels, at \$0.75,	198 00
Pears, 31 $\frac{3}{4}$ bushels, at \$1,	31 75
Peas, 10 $\frac{1}{4}$ bushels, at \$2,	20 50
Pigs sold, 119,	401 75
Potatoes, 621 bushels, at \$0.90,	558 90
Pumpkins, 9,916 pounds, at \$0.03,	297 48
Pork, 14,421 pounds, at \$0.09,	1,297 89

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*Amount carried forward,* . . . . . \$31,524 27



## TREASURER'S REPORT.

*To the Trustees of the Monson State Hospital.*

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1911:—

### CASH ACCOUNT.

Balance Dec. 1, 1910, . . . . .	\$458 21
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### *Receipts.*

#### *Institution Receipts.*

#### Board of inmates:—

Private, . . . . .	\$7,511 37	
Reimbursements, insane, . . . . .	3,192 60	
Cities and towns, . . . . .	357 96	
		\$11,061 93

#### Salaries, wages and labor:—

Labor of employees, . . . . .		11 70
-------------------------------	--	-------

#### Sales:—

Food, . . . . .	\$517 99	
Clothing and materials, . . . . .	168 69	
Furnishings, . . . . .	3 40	
Repairs and improvements, . . . . .	66 55	
Miscellaneous, . . . . .	18 51	

#### Farm, stable and grounds:—

Cows and calves, . . . . .	240 65	
Pigs and hogs, . . . . .	401 75	
Hides, . . . . .	35 60	
Use of teams, . . . . .	9 25	
Sundries, . . . . .	84 93	
		1,547 32

#### Miscellaneous receipts:—

Interest on bank balances, . . . . .	\$139 95	
Sundries, . . . . .	38 76	
		178 71

12,799 66

### *Receipts from Treasury of Commonwealth.*

#### Maintenance appropriations:—

Balance of 1910, . . . . .	\$1,639 14	
Advance money (amount on hand Novem- ber 30), . . . . .	11,500 00	
Approved schedules of 1911, . . . . .	\$177,456 19	
Less returned, . . . . .	3 84	
		177,452 35

190,591 49

Special appropriations, . . . . .	16,291 62
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Total, . . . . .	\$220,140 98
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*Payments.*

To treasury of Commonwealth, institution receipts, . . . . .	\$12,799 66	
Maintenance appropriations: —		
Balance November schedule, 1910, . . . . .	\$2,097 35	
Eleven months' schedules, 1911, . . . . .	177,452 35	
November advances, . . . . .	8,124 88	
	<hr/>	187,674 58
Special appropriations: —		
Approved schedules, . . . . .		16,291 62
Balance Nov. 30, 1911: —		
In bank, . . . . .	\$1,557 66	
In office, . . . . .	1,817 46	
	<hr/>	3,375 12
Total, . . . . .		<hr/> \$220,140 98

*MAINTENANCE.*

Appropriation, . . . . .	\$189,200 00
Expenses (as analyzed below), . . . . .	189,196 16
	<hr/>
Balance reverting to treasury of Commonwealth, . . . . .	\$3 84

*Analysis of Expenses.*

Salaries, wages and labor: —		
General administration, . . . . .	\$25,074 28	
Medical service, . . . . .	7,716 69	
Ward service (male), . . . . .	17,064 84	
Ward service (female), . . . . .	14,859 33	
Repairs and improvements, . . . . .	4,537 89	
Farm, stable and grounds, . . . . .	9,704 75	
	<hr/>	\$78,957 78
Food: —		
Butter, . . . . .	\$8,277 14	
Beans, . . . . .	352 10	
Bread and crackers, . . . . .	420 46	
Cereals, rice, meal, etc., . . . . .	2,024 35	
Cheese, . . . . .	83 90	
Eggs, . . . . .	2,779 11	
Flour, . . . . .	4,295 77	
Fish, . . . . .	2,006 77	
Fruit (dried and fresh), . . . . .	1,716 68	
Meats, . . . . .	14,079 83	
Milk, . . . . .	44 00	
Molasses and syrup, . . . . .	545 81	
Sugar, . . . . .	3,053 53	
Tea, coffee, broma and cocoa, . . . . .	896 24	
Vegetables, . . . . .	3,850 33	
Sundries, . . . . .	1,478 20	
	<hr/>	45,904 22
Clothing and materials: —		
Boots, shoes and rubbers, . . . . .	\$348 95	
Clothing, . . . . .	2,511 43	
Dry goods for clothing and small wares, . . . . .	1,473 34	
Furnishing goods, . . . . .	3 74	
	<hr/>	
Amounts carried forward, . . . . .	\$4,337 46	\$124,862 00

<i>Amounts brought forward,</i>	\$4,337 46	\$124,862 00
<b>Clothing and materials — <i>Con.</i></b>		
Hats and caps,	69 49	
Leather and shoe findings,	547 87	
Sundries,	119 57	
	<hr/>	5,074 39
<b>Furnishings:—</b>		
Beds, bedding, table linen, etc.,	\$2,579 75	
Brushes, brooms,	487 96	
Carpets, rugs, etc.,	650 22	
Crockery, glassware, cutlery, etc.,	980 98	
Furniture and upholstery,	307 89	
Kitchen furnishings,	950 22	
Wooden ware, buckets, pails, etc.,	30 30	
Sundries,	1,032 27	
	<hr/>	7,019 59
<b>Heat, light and power:—</b>		
Coal,	\$14,910 97	
Freight on coal,	341 43	
Oil,	397 26	
Sundries,	137 74	
	<hr/>	15,787 40
<b>Repairs and improvements:—</b>		
Brick,	\$172 90	
Cement, lime and plaster,	483 16	
Doors, sashes, etc.,	19 80	
Electrical work and supplies,	2,454 54	
Hardware,	1,141 57	
Lumber,	1,047 23	
Machinery, etc.,	51 48	
Paints, oil, glass, etc.,	1,386 34	
Plumbing, steam fitting and supplies,	3,553 77	
Roofing and materials,	13 60	
Sundries,	527 61	
	<hr/>	10,852 00
<b>Farm, stable and grounds:—</b>		
Blacksmith and supplies,	\$313 17	
Carriages, wagons, etc., and repairs,	567 12	
Fertilizers, vines, seeds, etc.,	912 03	
Hay, grain, etc.,	7,809 16	
Harnesses and repairs,	131 48	
Horses,	750 00	
Cows,	828 50	
Other live stock,	105 50	
Tools, farm machines, etc.,	378 03	
Sundries,	710 53	
	<hr/>	12,505 52
<b>Miscellaneous:—</b>		
Books, periodicals, etc.,	\$265 79	
Chapel services and entertainments,	1,218 17	
Freight, expressage and transportation,	2,219 38	
Funeral expenses,	248 75	
Gratuities,	113 12	
Hose, etc.,	205 99	
	<hr/>	
<i>Amounts carried forward,</i>	\$4,271 20	\$176,100 90



Amounts brought forward, . . . . . \$4,271 20 \$176,100 90

Miscellaneous — *Con.*

Ice, . . . . .	536 00	
Medicines and hospital supplies, . . . . .	1,405 18	
Medical attendance, nurses, etc. (extra), . . . . .	46 00	
Postage, . . . . .	401 36	
Printing and printing supplies, . . . . .	98 74	
Printing annual report, . . . . .	144 80	
Return of runaways, . . . . .	80 25	
Soap and laundry supplies, . . . . .	1,244 47	
Stationery and office supplies, . . . . .	792 70	
School books and school supplies, . . . . .	12 11	
Travel and expenses (officials), . . . . .	1,112 46	
Telephone and telegraph, . . . . .	218 50	
Tobacco, . . . . .	669 39	
Water, . . . . .	1,397 87	
Sundries, . . . . .	664 23	
		13,095 26

Total expenses for maintenance, . . . . . \$189,196 16

SPECIAL APPROPRIATIONS.

Balance Dec. 1, 1910, . . . . .	\$14,001 75
Appropriations for fiscal year, . . . . .	18,000 00

Total, . . . . .	\$32,001 75
Expended during the year (see statement annexed), . . . . .	16,291 62

Balance Nov. 30, 1911, . . . . . \$15,710 13

RESOURCES AND LIABILITIES.

*Resources.*

Cash on hand, . . . . .	\$3,375 12	
November cash vouchers (paid from advance money), . . . . .	8,124 88	
Due from treasury of Commonwealth, account November, 1911, schedule, . . . . .	243 81	
		\$11,743 81

*Liabilities.*

Schedule of November bills, . . . . .	\$11,743 81
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PER CAPITA.

During the year the average number of inmates has been 835.3452.

Total cost for maintenance, \$189,196.16.

Equal to a weekly per capita cost of \$4.3555.

Receipts from sales, \$1,547.32.

Equal to a weekly per capita of \$0.0356.

All other institution receipts, \$11,252.34.

Equal to a weekly per capita of \$0.2590.



*Special Appropriations.*

OBJECT.	Act or Resolve.	Whole Amount.	Expended during Fiscal Year.	Expended to Date.	Balance at End of Year.
Constructing and furnishing two dormitories,	Acts 1909, chap. 475,	\$84,000 00	\$2,586 58	\$84,000 00	—
Constructing and furnishing service building,	Acts 1909, chap. 475,	34,000 00	520 14	34,000 00	—
Sewerage system, . . . . .	Res. 1910, chap. 119,	6,000 00	5,063 50	5,718 46	\$281 54
Constructing and furnishing house for employees, {	Res. 1908, chap. 128,	} 5,900 00	5,549 99	5,900 00	—
Alterations, etc., . . . . .	Res. 1910, chap. 119,		560 92	560 92	2,439 08
Addition to laundry, . . . . .	Res. 1911, chap. 137,		2,010 49	2,010 49	12,989 51
	Res. 1911, chap. 137,	15,000 00			
		\$147,900 00	\$16,291 62	\$132,189 87	\$15,710 13

Respectfully submitted,

SARAH E. SPALDING,

*Treasurer.*

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,

*Assistant Supervisor of Accounts.*

## VALUATION.

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Land, . . . . .	\$31,977 00
Buildings, . . . . .	575,645 41
Water and sewerage system, . . . . .	51,521 73

Personal property:—

Provisions and groceries, . . . . .	1,802 16
Clothing and clothing material, . . . . .	5,408 04
Furnishings, . . . . .	70,548 38

Heat, light and power:—

Fuel, . . . . .	64 00
All other property, . . . . .	620 85

Repairs and improvements:—

Machinery and mechanical fixtures, . . . . .	51,122 79
All other property, . . . . .	3,643 53

Farm, stable and grounds:—

Live stock on the farm, . . . . .	14,361 00
Produce of the farm on hand, . . . . .	8,033 25
Carriages and agricultural implements, . . . . .	5,446 49
All other property, . . . . .	2,335 96

Miscellaneous, . . . . .	10,093 73
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\$833,674 32

### NURSES' TRAINING SCHOOL FUND.

Balance Dec. 1, 1910, . . . . .	\$408 97
Twelve months' receipts, . . . . .	183 06

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\$592 03

Twelve months' payments, . . . . .	223 30
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Balance Nov. 30, 1911, . . . . .	\$368 73
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### *Investment.*

Deposited in Palmer National Bank, . . . . .	\$41 74
Deposited in Palmer Savings Bank, . . . . .	326 32
Cash in office, . . . . .	67

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\$368 73

## PATIENTS' MONEY.

Balance Dec. 1, 1910, . . . . .	\$672 80
Twelve months' receipts, . . . . .	2,345 20
	<hr/>
	\$3,018 00
Twelve months' payments, . . . . .	2,303 94
	<hr/>
Balance Dec. 1, 1911, . . . . .	\$714 06

*Investment.*

Deposited in Palmer National Bank, . . . . .	\$43 51
Deposited in Palmer Savings Bank, . . . . .	592 96
Cash in office, . . . . .	77 59
	<hr/>
	\$714 06



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# STATISTICAL TABLES.

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[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

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1. — General Statistics for the Year.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in the hospital Oct. 1, 1910.									
Admitted within the year,	175	182	357	220	193	413	395	375	770
Viz.: by commitment,	60	27	87	124	106	230	184	133	317
by transfer,	28	9	37	80	74	154	108	83	191
from escape,	25	17	42	—	—	4	25	17	42
Whole number of cases within year,	7	1	8	4	32	72	4	—	4
Dismissed during year,	235	209	444	344	299	643	47	33	80 <sup>1</sup>
Viz.: discharged,	33	27	60	99	77	176	132	104	236
as recovered,	7	6	13	40	30	70	47	36	83
as capable of self-support,	—	—	—	—	—	—	—	—	—
as improved,	6	6	12	36	28	64	42	34	76
as not improved,	1	—	1	4	2	6	5	2	7
died,	16	18	34	21	15	36	37	33	70
transferred,	1	—	1	—	—	—	1	—	1
on escape Oct. 1, 1911,	2	—	2	3	—	3	5	—	5
on visit Oct. 1, 1911,	7	3	10	35	32	67	42	35	77
Patients remaining Sept. 30, 1911,	202	182	384	245	222	467	447	404	851
Viz.: State patients,	192	172	364	231	205	436	423	377	800
private patients,	4	3	7	11	9	20	15	12	27
reimbursing patients,	6	7	13	3	8	11	9	15	24
Number of different persons within the year,	229	208	437	315	281	596	544	489	1,033
Number of different persons admitted,	54	26	80	96	88	184	76	65	141 <sup>2</sup>
Number of different persons admitted by commitment,	28	9	37	80	74	154	108	83	191
Number of different persons dismissed,	28	26	54	71	59	130	99	85	184 <sup>3</sup>
Number of different persons dismissed to community,	27	26	53	71	59	130	98	85	183 <sup>3</sup>
Number of different persons discharged capable of self-support,	—	—	—	—	—	—	—	—	—
Daily average number of patients,	196.74	183.78	380.52	234.00	207.09	441.09	430.74	390.87	821.61
Viz.: State patients,	185.60	176.81	362.41	217.95	191.04	408.99	408.55	367.85	771.40
private patients,	4.45	3.00	7.45	11.01	9.18	20.19	15.46	12.18	27.61
reimbursing patients,	6.69	3.97	10.66	5.04	6.87	11.91	11.73	10.84	22.57

1 Nominally admitted to discharge: insane: males, 5; females, 1; total, 6; sane: males, 28; females, 18; total, 46; totals: males, 33; females, 19; total, 52.

2 One male discharged as sane and recommitted as insane; 1 male discharged and recommitted as sane.

3 One male twice discharged, once as sane and once as insane.

2. — *Received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.								
	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . . . . .	28	9	37	73	71	144	101	80	181
Second to this hospital, . . . . .	—	—	—	7	2	9	7	2	9
Fourth to this hospital, . . . . .	—	—	—	—	1	1	—	1	1
Total cases, . . . . .	28	9	37	80	74	154	108	83	191
Total persons, . . . . .	28	9	37	80	74	154	108	83	191
First admitted to any hospital, . . . . .	28	9	37	73	71	144	101	80	181



3. — *Nativity and Parentage of Persons first admitted to Any Hospital.*

	INSANE.						SANE.						TOTALS.					
	MALES.			FEMALES.			MALES.			FEMALES.			MALES.			FEMALES.		
	PATIENTS.		TOTALS.	PATIENTS.		TOTALS.	PATIENTS.		TOTALS.	PATIENTS.		TOTALS.	PATIENTS.		TOTALS.	PATIENTS.		TOTALS.
	Fathers.	Mothers.		Fathers.	Mothers.		Fathers.	Mothers.		Fathers.	Mothers.		Fathers.	Mothers.		Fathers.	Mothers.	
Massachusetts,	23	3	4	7	4	1	30	7	5	48	15	21	46	16	19	94	31	40
Other New England States,	2	4	4	—	—	—	2	4	4	8	4	2	7	9	4	15	13	6
Other States,	—	4	1	—	—	—	—	—	1	7	7	3	9	4	6	16	11	9
Total native,	25	11	9	7	4	1	32	15	10	63	26	26	62	29	29	125	55	55
Other countries:—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	1	—	—
Austria,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Azores,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bermuda,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Canada,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cape Verde Island,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
England,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Germany,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Greece,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ireland,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Italy,	2	5	6	—	—	—	2	7	8	—	10	12	1	6	10	16	22	1
Newfoundland,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poland,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Russia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scotland,	1	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sweden,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Turkey,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wales,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Indies,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total foreign,	3	14	17	2	5	8	5	19	25	10	44	44	9	37	38	19	81	82
Unknown,	—	3	2	—	—	—	—	3	2	—	3	3	—	5	4	—	8	7
Totals,	28	28	28	9	9	9	37	37	37	73	73	73	71	71	71	144	144	144

## 4. — Residence of Persons admitted by Commitment.

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —									
Bristol County, . . . . .	2	—	2	—	—	—	2	—	2
Essex County, . . . . .	1	1	2	—	—	—	1	1	2
Middlesex County, . . . . .	4	—	4	—	—	—	4	—	4
Plymouth County, . . . . .	1	—	1	—	—	—	1	—	1
Suffolk County, . . . . .	12	5	17	—	—	—	12	5	17
Worcester County, . . . . .	8	3	11	—	—	—	8	3	11
Totals, . . . . .	28	9	37	—	—	—	28	9	37
Cities or large towns (10,000 or over),	16	5	21	—	—	—	16	5	21
Country districts (under 10,000), . .	12	4	16	—	—	—	12	4	16
B. — Sane: —									
Barnstable County, . . . . .	1	—	1	—	—	—	1	—	1
Berkshire County, . . . . .	3	2	5	1	—	1	4	2	6
Bristol County, . . . . .	9	5	14	—	—	—	9	5	14
Essex County, . . . . .	2	11	13	2	—	2	4	11	15
Hampden County, . . . . .	4	4	8	1	—	1	5	4	9
Hampshire County, . . . . .	2	—	2	1	—	1	3	—	3
Middlesex County, . . . . .	14	12	26	—	—	—	14	12	26
Norfolk County, . . . . .	6	3	9	—	—	—	6	3	9
Plymouth County, . . . . .	2	2	4	—	—	—	2	2	4
Suffolk County, . . . . .	19	21	40	2	3	5	21	24	45
Worcester County, . . . . .	11	11	22	—	—	—	11	11	22
Totals, . . . . .	73	71	144	7	3	10	80	74	154
Cities or large towns (10,000 or over),	60	56	116	5	3	8	65	59	124
Country districts (under 10,000), . .	13	15	28	2	—	2	15	15	30

## 5. — Civil Condition of Persons first admitted to Any Hospital.

	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Unmarried, . . . . .	25	9	34	64	58	122	89	67	156
Married, . . . . .	3	—	3	9	9	18	12	9	21
Widowed, . . . . .	—	—	—	—	4	4	—	4	4
Divorced, . . . . .	—	—	—	—	—	—	—	—	—
Unknown, . . . . .	—	—	—	—	—	—	—	—	—
Totals, . . . . .	28	9	37	73	71	144	101	80	181

## 6. — Occupations of Persons first admitted to Any Hospital.

## MALES.

	Insane.	Sane.	Totals.		Insane.	Sane.	Totals.
Antique furniture restorer, . . .	—	1	1	Janitor, . . .	—	1	1
Bookkeeper, . . .	—	1	1	Laborer, . . .	2	5	7
Canvasser, . . .	—	1	1	Meter tester, . . .	—	1	1
Carpenter, . . .	—	2	2	Painter, . . .	—	1	1
Chair maker, . . .	—	1	1	Press feeder, . . .	—	1	1
Commercial traveler, . . .	—	1	1	Printer, . . .	1	—	1
Factory operative, . . .	1	5	6	Scholar, . . .	—	8	8
Farmer, . . .	—	2	2	Screw worker, . . .	—	1	1
Fisherman, . . .	—	1	1	Teamster, . . .	—	2	2
Grocer, . . .	—	1	1	No occupation, . . .	23	37	60
Hostler, . . .	1	—	1	Totals, . . .	28	73	101

## FEMALES.

Boxmaker, . . .	—	1	1	Scholar, . . .	—	8	8
Clerk, . . .	—	1	1	Seamstress, . . .	—	1	1
Domestic, . . .	1	13	14	No occupation, . . .	8	34	42
Factory operative, . . .	—	3	3	Totals, . . .	9	71	80
Housewife, . . .	—	9	9				
Mail correspondent, . . .	—	1	1				

## WIFE OR DAUGHTER OF —

Baker, . . .	—	1	1	Grocer, . . .	—	1	1
Bartender, . . .	—	1	1	Hackman, . . .	—	1	1
Bleacher, . . .	—	1	1	Hatter, . . .	—	2	2
Boiler maker, . . .	—	1	1	Laborer, . . .	—	3	3
Carriage washer, . . .	—	1	1	Leather cutter, . . .	1	—	1
Clergyman, . . .	—	1	1	Machinist, . . .	—	2	2
Clerk, . . .	—	2	2	Mason, . . .	—	1	1
Engineer, . . .	—	1	1	Musician, . . .	—	2	2
Expressman, . . .	—	1	1	Real estate, . . .	—	1	1
Factory operative, . . .	—	4	4	Ship calker, . . .	—	1	1
Farmer, . . .	—	2	2	Unknown, . . .	8	38	46
Fireman, . . .	—	2	2	Totals, . . .	9	71	80
Gardener, . . .	—	1	1				



7. — *Ages of Epileptics at First Attack, Admission and Death — Concluded.*

SANE.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.				DIED.			
	AT FIRST ATTACK OF EPILEPSY.		WHEN ADMITTED.		AT FIRST ATTACK OF EPILEPSY.		AT TIME OF DEATH.	
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.
Congenital, . . . . .	3	3	6	27	21	48	13	7
15 years and less, . . . . .	46	44	90	13	17	30	1	3
From 15 to 20 years, . . . . .	8	5	13	9	4	13	1	3
20 to 25 years, . . . . .	5	5	10	5	7	12	4	1
25 to 30 years, . . . . .	1	1	2	3	8	11	3	4
30 to 35 years, . . . . .	3	4	7	3	3	6	2	2
35 to 40 years, . . . . .	—	2	2	5	8	13	3	5
40 to 50 years, . . . . .	1	2	3	6	4	10	2	2
50 to 60 years, . . . . .	1	2	3	3	4	7	1	2
60 to 70 years, . . . . .	3	—	3	2	1	3	1	1
70 to 80 years, . . . . .	—	—	—	—	1	1	1	1
80 to 90 years, . . . . .	—	—	—	—	—	—	—	—
Totals, . . . . .	71	68	139	73	71	144	19	14
Unknown, . . . . .	2	3	5	—	—	—	2	1
Total persons, . . . . .	73	71	144	73	71	144	21	15
Mean known age, . . . . .	14.3	14.1	14.2	22.1	24.1	23.1	17.7	20.8
						19.0	30.3	37.0
						36		36
						33.1		33.1

## 8. — Probable Causes of Epilepsy in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.								
				HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Insane.</i>												
Physical: —												
Encephalitis, . . . . .	9	5	14	1	—	1	—	—	—	1	—	1
Diet indiscretion, . . . . .	1	—	1	1	—	1	—	—	—	—	—	—
Fright, . . . . .	1	—	1	1	—	1	—	—	—	—	—	—
Indigestion, . . . . .	1	—	1	—	—	—	1	—	1	—	—	—
Injury to head, . . . . .	1	—	1	1	—	1	—	—	—	—	—	—
Totals, . . . . .	13	5	18	4	—	4	1	—	1	1	—	1
Unknown, . . . . .	15	4	19	—	—	—	—	—	—	—	—	—
Totals, . . . . .	28	9	37	4	—	4	1	—	1	1	—	1
<i>Sane.</i>												
Physical: —												
Encephalitis, . . . . .	3	5	8	—	—	—	—	—	—	—	—	—
Cerebral hemorrhage, . . . . .	3	2	5	—	—	—	—	—	—	—	—	—
Indigestion, . . . . .	1	3	4	—	—	—	—	—	—	—	—	—
Blow on head, . . . . .	2	1	3	—	—	—	—	—	—	—	—	—
Spinal meningitis, . . . . .	1	1	2	—	—	—	—	—	—	—	—	—
Diet indiscretion, . . . . .	1	—	1	—	—	—	—	—	—	1	—	1
Injury and fright, . . . . .	—	1	1	—	1	1	—	—	—	—	—	—
Traumatism, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
Puerperal eclampsia, . . . . .	—	1	1	—	—	—	—	—	—	—	—	—
Overwork, . . . . .	—	1	1	—	1	1	—	—	—	—	—	—
Establishment of menstruation, . . . . .	—	1	1	—	1	1	—	—	—	—	—	—
Vaccination, . . . . .	—	1	1	—	—	—	—	—	—	—	—	—
Hydrocephalus, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
Diphtheria, . . . . .	—	1	1	—	—	—	—	—	—	—	—	—
Pneumonia, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
Typhoid fever, . . . . .	—	1	1	—	—	—	—	—	—	—	—	—
Measles, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
Scarlet fever, . . . . .	—	1	1	—	—	—	—	—	—	—	—	—
Alcoholism, . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
Totals, . . . . .	16	20	36	—	3	3	—	—	—	1	—	1
Unknown, . . . . .	57	51	108	11	8	19	—	1	1	1	—	1
Totals, . . . . .	73	71	144	11	11	22	—	1	1	2	—	2
Aggregates, . . . . .	29	25	54	4	3	7	1	—	1	1	—	1
Unknown, . . . . .	72	55	127	11	8	19	—	1	1	1	—	1
Aggregates, . . . . .	101	80	181	15	11	26	1	1	2	2	—	2



9. — *Probable Duration of Disease before Admission.*

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.									
	INSANE.				SANE.				TOTALS.	
	INSANITY.		EPILEPSY.		EPILEPSY.		EPILEPSY.		EPILEPSY.	
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Totals.
Congenital, . . . . .	—	—	—	—	—	—	—	—	—	—
Under 1 month, . . . . .	28	9	37	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	—	—	—	—	—	—	—
3 to 6 months, . . . . .	—	—	—	—	—	—	—	—	—	—
6 to 12 months, . . . . .	—	—	—	—	—	—	—	—	—	—
1 to 2 years, . . . . .	—	—	—	—	—	—	—	—	—	—
2 to 5 years, . . . . .	—	—	—	—	—	—	—	—	—	—
5 to 10 years, . . . . .	—	—	—	3	2	5	18	20	38	43
10 to 20 years, . . . . .	—	—	—	15	4	19	18	12	30	49
Over 20 years, . . . . .	—	—	—	4	1	5	14	15	29	34
	—	—	—	1	1	2	10	11	21	23
Totals, . . . . .	28	9	37	23	8	31	65	63	128	159
Unknown, . . . . .	—	—	—	5	1	6	8	8	16	22
Totals, . . . . .	28	9	37	28	9	37	73	71	144	181
Average known duration in years, . . . . .	.0416	.0416	.0416	8.319	7.429	8.104	7.880	7.500	7.509	7.635

## 10. — Discharges, classified by Admission and Result as to Epilepsy, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics: —																		
First to this hospital, .	—	—	—	—	—	—	4	6	10	1	—	1	12	12	1	17	18	35
Second to this hospital, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Total cases, .	—	—	—	—	—	—	6	6	12	1	—	1	16	18	1	23	24	47
Total persons, .	—	—	—	—	—	—	6	6	12 <sup>1</sup>	1	—	1	16	18	2	23	24	47
First admitted to any hospital, .	—	—	—	—	—	—	5	6	11	1	—	1	16	15	1	22	21	43
B. — Sane epileptics: —																		
First to this hospital, .	—	—	—	—	—	—	31	25	56	3	2	5	19	15	34	53	42	95
Second to this hospital, .	—	—	—	—	—	—	3	—	3	—	—	—	2	—	2	5	—	5
Third to this hospital, .	—	—	—	—	—	—	—	2	2	—	—	—	—	—	—	—	2	2
Fourth to this hospital, .	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	1	—	1
Total cases, .	—	—	—	—	—	—	34	27	61	4	2	6	21	15	36	59	44	103
Total persons, .	—	—	—	—	—	—	34	27	61	4	2	6	21	15	36	59	44	103
First admitted to any hospital, .	—	—	—	—	—	—	31	24	55	3	2	5	19	15	34	53	41	94

<sup>1</sup> Two insane males discharged were transfers.<sup>2</sup> Four insane males, 5 insane females, deceased, were transfers.



11. — *Causes of Death.*

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system: —									
Status epilepticus, . . . . .	—	1	1	6	1	7	6	2	8
Epilepsy, . . . . .	8	7	15	5	2	7	13	9	22
Epileptic convulsion, . . . . .	—	1	1	—	2	2	—	3	3
Cerebral hemorrhage, . . . . .	—	—	—	—	1	1	—	1	1
Respiratory system: —									
Lobar pneumonia, . . . . .	—	—	—	—	1	1	—	1	1
Pulmonary edema, . . . . .	1	1	2	—	2	2	1	3	4
Pulmonary tuberculosis, . . . . .	2	4	6	1	1	2	3	5	8
Broncho-pneumonia, . . . . .	1	2	3	2	2	4	3	4	7
Asphyxia, . . . . .	1	—	1	2	1	3	3	1	4
Pulmonary abscess, . . . . .	1	—	1	—	—	—	1	—	1
Circulatory system: —									
Endocarditis, . . . . .	—	—	—	—	2	2	—	2	2
Myocarditis, . . . . .	—	1	1	—	—	—	—	1	1
Fatty degeneration of heart, . . . . .	—	1	1	—	—	—	—	1	1
Genito-urinary system: —									
Acute parenchymatous nephritis, . . . . .	1	—	1	—	—	—	1	—	1
General: —									
Enteric fever, . . . . .	—	—	—	1	—	1	1	—	1
Carcinoma of prostate, . . . . .	—	—	—	1	—	1	1	—	1
Cellulitis (septicæmia), . . . . .	—	—	—	1	—	1	1	—	1
Accidental drowning, . . . . .	—	—	—	1	—	1	1	—	1
Digestive system: —									
Ptomaine poisoning, . . . . .	—	—	—	1	—	1	1	—	1
Acute gastroenteritis, . . . . .	1	—	1	—	—	—	1	—	1
Totals, . . . . .	16	18	34	21	15	36	37	33	70

12. — Deaths, classified by Duration of Disease and Treatment.  
INSANE.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.										ALL OTHER ADMISSIONS.											
	DURATION BEFORE ADMISSION.						HOSPITAL RESIDENCE.				WHOLE DURATION OF ATTACK.						WHOLE KNOWN PERIOD OF DISEASE.				WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.	
	INSANITY.			EPILEPSY.			Males.	Females.	Totals.	INSANITY.			EPILEPSY.			Males.	Females.	Totals.	Males.	Females.	Totals.	
	Males.	Females.	Totals.	Males.	Females.	Totals.				Males.	Females.	Totals.	Males.	Females.	Totals.							
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	
Congenital, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Under 1 month, . . . . .	16	15	31	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
From 1 to 3 months, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 to 6 months, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 to 12 months, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 to 2 years, . . . . .	-	-	-	1	-	1	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
2 to 5 years, . . . . .	-	-	-	2	2	4	7	4	11	7	4	11	1	1	2	-	-	-	-	-	-	
5 to 10 years, . . . . .	-	-	-	6	3	9	3	4	7	3	3	6	4	2	6	-	1	1	-	-	-	
10 to 20 years, . . . . .	-	-	-	6	7	13	4	4	8	4	5	9	5	7	12	-	2	2	-	2	2	
Over 20 years, . . . . .	-	-	-	1	3	4	1	-	1	1	1	1	6	5	11	-	-	-	-	1	1	
Totals, . . . . .	16	15	31	16	15	31	16	15	31	16	15	31	16	15	31	-	3	3	-	3	3	
Unknown, . . . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Totals, . . . . .	16	15	31	16	15	31	16	15	31	16	15	31	16	15	31	-	3	3	-	3	3	
Average of known cases (in months).	.5	.5	.5	130.12	105.60	161.16	99.03	86.80	93.09	99.03	92.80	96.02	220.12	274	246.19	-	120	120	-	196	196	

SANE.

[illegible]

